

SECRET

1971 FEB 18 14 32Z

OUT
71758

P 181414Z FEB 71

FM NPIC WASHDC

TO RHCOAAA/SAC OFFUTT AFB OMAHA NEBR

RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB

RUCILBA/100TH SRW OL 19 MCCOY AFB FLA

RUVRRIA/DIR MAT MGT/MMW ROBBINS AFB, GA

RUWMODA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUWMODA/12 SAD DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUEAIIA/CIA WASH DC

RUEKJCS/DIA

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

BT

SECRET CITE NPIC 0361

SAC FOR DIRI, DOSR, DISD, DM4C; 100 SRW DAVIS MONTHAN AFB

FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DC5C;

HQ USAF FOR AFIGOS, AFXOIR; 15TH AF FOR DI, DO, DM4C.

SUBJECT: EVAL OF OLD HEAD MSN G-188

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY AND INTERPRETATION SUITABILITY ARE FAIR. MOST IMAGERY MAINTAINS EDGE SHARPNESS UP TO 20X; HOWEVER, THE QUALITY IS MORE VARIABLE THAN ON RECENT MISSIONS. QUALITY OF FWD FRS IS BETTER THAN AFT FRS. IN ADDITION, THE UNTITLED EDGE OF FWD FRS IS SLIGHTLY BETTER THAN TITLED EDGE, WHEREAS, THE TITLED EDGE OF AFT FRS IS SLIGHTLY BETTER THAN UNTITLED EDGE. CLOUDS OBSCURE APPROX 20 PCT OF ENTIRE MSN.

2. MSN DATA:

- A. MSN: G-188; DATE: 12 FEB 71
- B. CAM: IRIS II; UNIT: 8006
- C. A/C: 340
- D. CAM MODE: STEREO
- E. VEHICLE T/O: 1100Z; CAM/ON: 1324Z
- F. FILM TYPE: 3414
- G. DEVELOPER: MX819-1; PROCESS FAC: NRTSC
- H. AVG GAMMA ORIG NEG: 1.97
- I. AVG AEI SPEED ORIG NEG: 3.16
- J. EXPOSURE SLIT WIDTH: 0.080 IN.
- K. FILTER: WRATTEN 12

3. ORIG NEG:

A. EXPOSURE: GOOD AT BEGINNING OF MSN BUT OVEREXPOSED BY APPROX ONE FULL STOP AT THE END. THE EXPOSURE PARAMETERS USED ON THIS MSN (I.E., 0.080 IN. SLIT WIDTH WITH A W-12 FILTER) WERE SUGGESTED FOR A MSN WITH A CAMERA-ON TIME WHICH CORRESPONDS TO 20 DEGREES SOLAR ELEVATION (SEE REQUEST IN EVAL FOR OH MSN G178). SINCE THE PRESENT MSN HAD A CAMERA-ON TIME AT 0824L (26 DEGREES SOLAR ELEVATION) A NARROWER SLIT, PROBABLY 0.070 WOULD HAVE IMPROVED THE OVERALL EXPOSURE. RECOGNIZING SOME OF THE COMPLEXITIES INVOLVED IN MSN PLANNING, IT IS REALIZED THAT THE EXACT REQUEST COULD NOT IMMEDIATELY BE ACKNOWLEDGED. HOWEVER, THE REQUEST FOR A MSN WITH A 0.080 INCH SLIT WIDTH, W-12 FILTER, 3414 FILM, AND A CAMERA-ON AT 20 DEGREES SOLAR ELEVATION STANDS UNTIL FURTHER NOTICE.

B. DENSITY: MEDIUM TO HEAVY; CONTRAST: NORMAL TO HIGH.

C. IMAGED DEGRADATIONS: A MINOR, 0.5 INCH-WIDE MINUS DENSITY BAND IS PRESENT TWO INCHES FROM THE NON-TITLED EDGE OF THE FILM, THROUGHOUT THE MSN. A SERIES OF FINE PLUS DENSITY STREAKS, LOCATED TWO TO 2.5 INCHES FROM THE TITLED EDGE OF THE FILM, ARE PRESENT FROM FRAME 1 TO 106. THE STREAKS TEMPORARILY CEASE AT A CHARACTERISTIC

SECRET

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45 DEGREE ROLLER MARK IN FRAME 106, BUT APPEAR INTERMITTENTLY
THROUGHOUT THE REMAINDER OF THE MSN.

D. PHYSICAL DEGRADATIONS: NONE NOTED.

E. DATA RECORD EQUIP: FUNCTIONED PROPERLY. THE WRITE-IN DATA
CARD IS OVEREXPOSED.

F. OTHER: LAST TITLED FR 1167, COUNTER 1177.

4. POSITIVE: ADEQUATE FOR INTERPRETATION.

5. REMARKS: NONE.

EOM

GP-1

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END OF MESSAGE